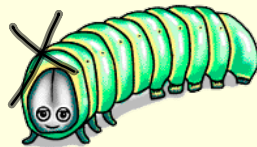
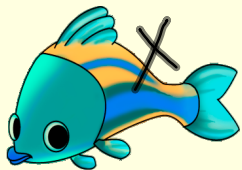


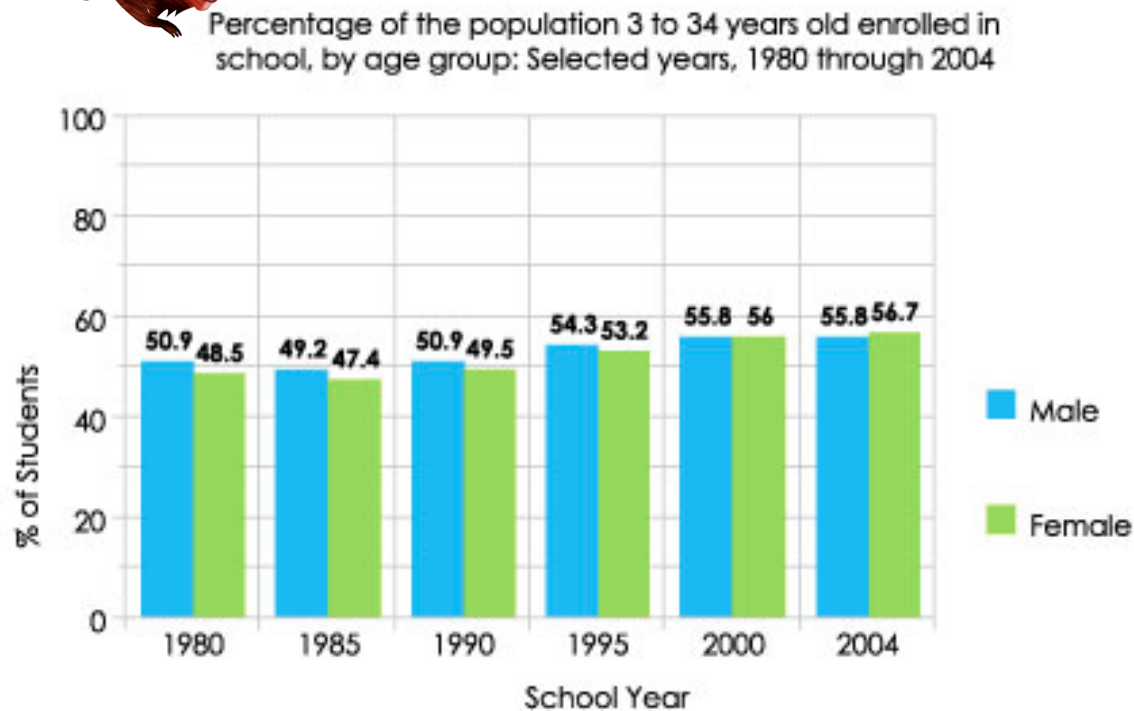
Module 2 Review- Sections 1 - 3

Pick a Question, any Question!

Let's REVIEW!



Calculate the percent
of change of girls enrolled in school
from 1980 to 2004:

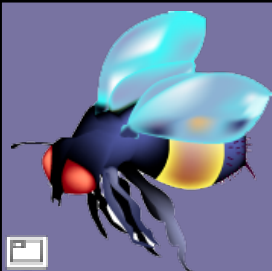




Create a tree diagram to show all possible outcomes if there are 2 counters (1 red, 1 white, and 1 green) in a hat if 2 counters will be randomly selected.

What is the probability that a green and white counter are selected?





Calculate the SALE PRICE
of a CD that is \$22.99 and
on sale for 5% off.

What is 5% of 22.99?

$$\frac{x}{22.99} = \frac{5}{100}$$

$$x = 0.05 \cdot 22.99$$

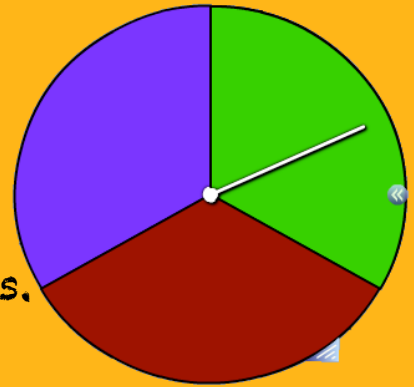
$$x = 1.14995$$

$$1.15$$

$$\begin{array}{r} 22.99 \\ - 1.15 \\ \hline \end{array}$$

\$21.84





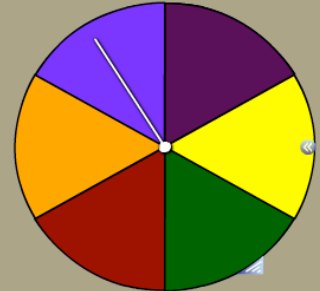
A spinner is divided into 3 sections.

1. Calculate the probability of spinning green, blue, or red:
2. Calculate the probability of spinning yellow:





This spinner is spun and the data is recorded below:



Number of times spinner lands on yellow: 4

Number of times spinner lands on red: 6

Number of times spinner lands on green: 5

Number of times spinner lands on purple: 7

Number of times spinner lands on orange: 4

Number of times spinner lands on purple: 8

Calculate the probability of the spinner landing on RED.

$$\frac{6}{34} = \frac{3}{17}$$





1. Describe a sequence of events that could be described as INDEPENDENT.

2. Describe a sequence of events that could be described as DEPENDENT.

COMPLETE SENTENCES!





A teacher randomly selects 1 student from the following list:
Noah, Rylie, Ben, Sam, Brianna and Chuck

1. What is the probability that the teacher randomly selects Rylie or Chuck?

$$\frac{1}{3}$$

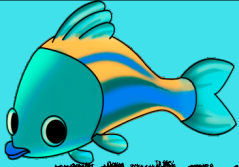
2. What is the probability that the teacher does not randomly select Noah or Sam?



1. $\frac{2}{6} = \frac{1}{3}$

2. $\frac{4}{6} = \frac{2}{3}$

$$\frac{3}{5}$$



ESTIMATE each of the following:

1. 33% of 155

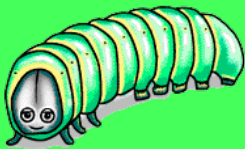
$$\frac{1}{3} \cdot \frac{155}{1} = \frac{155}{3} = 51.67\%$$

2. 25% of 92

3. 78% of 165

$$\begin{array}{r} 0 \overline{) 155} \\ \underline{10} \\ 55 \\ \underline{30} \\ 25 \end{array} \quad \begin{array}{l} 10 + 15.5 = 25.5 \\ 25.5 \times 8 = 204 \\ 204 + 1 = 205 \end{array}$$





Find the EXACT values:

1. 12 is what percent of 20?
2. 6 is 17% of what number?

$$\frac{12}{20} \times \frac{1}{100}$$

$$12 \times 100 = 1200$$

$$\frac{1200}{20} = 60\%$$

3. What is 20% of 52?

$$\frac{12}{20} = \frac{X \cdot 20}{20}$$

$$0.6 = X$$

$$60\%$$

